

# Branch

## Tips

- Branch : ??? commit ??????????????????
- HEAD: ???????
- main (master): ??????????????????????
- branch-name ?????????????? test/feature1, dev/feature1
- ??? branch (HEAD) ??? : `git branch ?` `git log -1`
- ?? branch ?????????????? commit ???????

## Git branch

```
# List all the branches of local repo.
git branch

# List the branches of remote repo.
git branch -r

# List all branches of local and remote repos.
git branch -a

# Create new branch
git branch <branch-name>
git checkout <branch-name>

# Alternatively, using the following one-liner command
# <origin-name> HEAD, origin/main
git checkout -b <branch-name> <origin-name>

# Remove a branch
# NOTE: branch, 
git branch -d <branch-name>
```

????

```
# Clone
git clone http://your.company.com/yourname/my_proj.git
cd my_proj

# Checkout origin/main and create test/util-cmd branch
git checkout -b test/util-cmd origin/main
git branch -a

# Change your codes

# Commit
git add .
git commit -m "Added a new branch test/util-cmd"

# Push
git push --set-upstream origin test/util-cmd
```

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